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November 17, 2005

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Group Art Unit 2637

Re: U.S. Utility Patent Application
Appl. No.: 09/921,756; Filed: August 6, 2001
For: **Multi-Tone Transmission**
Inventor: Mark TAUNTON
Our Ref: 1875.1780000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Original executed Power of Attorney from Assignee;
2. Original executed Statement Under 37 C.F.R. § 3.73(b); and
3. One (1) return postcard.

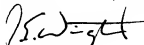
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
November 17, 2005
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The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jon E. Wright
Attorney for Applicant
Registration No. 50,720

RES/JEW:ddc
Enclosures

462847_1.DOC



POWER OF ATTORNEY FROM ASSIGNEE

Broadcom Corporation, a corporation of California, having a principal place of business at 16215 Alton Parkway, Irvine, California 92618-3616, is assignee of the entire right, title, and interest for the United States of America (as defined in 35 U.S.C. §100), by reason of an Assignment to the Assignee executed on July 23, 2001 of an invention known as Multi-Tone Transmission, (Attorney Docket No. 1875.1780000), that is disclosed and claimed in a patent application of the same title by the inventor: **Mark TAUNTON** (said application has a Filing Date or a 371(c) Date of August 6, 2001 at the U.S. Patent and Trademark Office, having Application Number 09/921,756).

For the purpose of PAIR, the Customer Number is **26111**.

The Assignee hereby appoints the U.S. attorneys associated with **CUSTOMER NUMBER 49579** to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith. The Assignee hereby grants said attorneys associated with Customer Number 49579 the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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FOR: **Broadcom Corporation**
SIGNATURE: *Dee Henderson*
BY: **Dee Henderson**
TITLE: **Senior Manager, Intellectual Property Administration**
DATE: **NOV 17 2005**



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STATEMENT UNDER 37 CFR 3.73(b)

Docket No. 1875.1780000

Applicant/Patent Owner: **Mark TAUNTON**

Application No./Patent No.: **09/921,756** Filed/Issue Date: **August 6, 2001**

Entitled: **Multi-Tone Transmission**

Broadcom Corporation, a **Corporation**
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel **012055**, Frame **0046**, or for which a copy thereof is attached.
OR
B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

NOV 17 2005

Signature

Dee Henderson

Printed or Typed Name

Date

(949) 926-5958

Telephone Number

Senior Manager, Intellectual Property Administration

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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